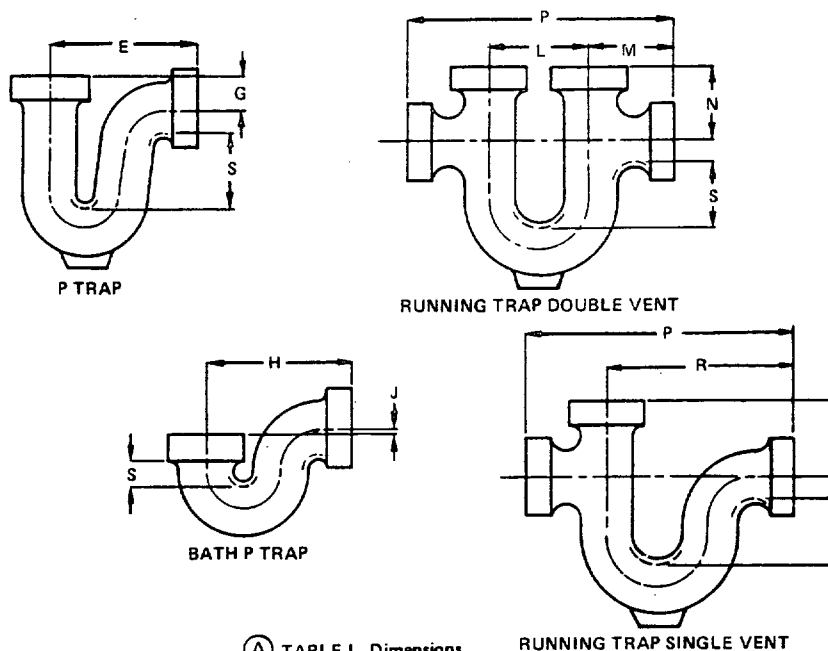


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FIGURE 1



(A) TABLE I. Dimensions.

Nom. Pipe Size	W P-Traps		X Bath P-Trap		Y Running Traps					Water Seal Min. S	Clean Out, Nom. Pipe Size
	E	G	H	J	P	L	M	N	R		
1-1/4	3-15/16	3/4	...	...	7-3/4	3-1/8	2-5/16	2	5-7/16	2	3/4
1-1/2	4-3/8	7/8	4-1/2	1/4	8-3/8	3-3/8	2-1/2	2-1/4	5-7/8	2	1
2	5-5/16	7/8	5-5/16	0	10-1/8	4	3-1/16	2-9/16	7-1/16	2	1
3	7-1/8	1-3/16	...	...	13-3/4	5-3/8	4-3/16	3-1/2	9-9/16	2-1/2	1-1/4
4	9-1/4	1-1/2	...	...	17-1/4	7	5-1/8	4-3/16	12-1/8	2-1/2	2

(A) NOTES:

1. **MATERIAL:** Material shall be in accordance with ANSI B16.12.
2. **COATINGS:** Coating shall be in accordance with ANSI B16.12 and shall be uncoated, coated with a bituminous composition or zinc coated as specified by the MS part number.
3. **DIMENSIONS:** All dimensions are in inches and shall be in accordance with ANSI B16.12.
4. **THREADED ENDS:** Threaded ends shall be in accordance with ANSI B16.12. All drainage fittings having openings at a 90 degree nominal angle shall be tapped with a pitch of 1/4 inch in one foot with the pitch in the direction shown in ANSI B16.12.
5. **GENERAL:**
 - (a) Referenced documents shall be of the issue in effect on date of invitations for bid or request for proposal.
 - (b) For design feature purposes, this standard takes precedence over procurement documents referenced herein.
 - (c) The U.S. Government has a Federal Supply Cataloging system which established approved item names to catalog and standardize items used within the government. The Federal Supply Cataloging System's approved item name may not be the same name that is used in commercial or industrial organizations. Therefore, the government name and equivalent commercial name are listed here for fittings on this MS.

(A) DENOTES CHANGES

P.A NAVY-YD Other Cust ARMY-ME (A)	International Interest	TITLE TRAPS, P-BATH AND RUNNING, CAST-IRON THREADED DRAINAGE	MILITARY STANDARD MS90528
Procurement Specification ANSI B16.12 (A)		SUPERSEDES:	PAGE 1 OF 2

User activities:
Army - CE
Navy - MC
Air Force - 99

(A)

Review activities:
Army -
Navy -
Air Force -
DLA-CS

(A)

FED. SUP CLASS
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Federal Government Nomenclature	Commercial Nomenclature
Trap, drainage pipe (P-trap style)	P-trap
Trap, drainage pipe (bath P-trap style)	bath P-trap
Trap, drainage pipe (running trap double vent style)	running trap double vent
Trap, drainage pipe (running trap single vent style)	running trap single vent

6. **PART NUMBER:** The MS part number is formed by combining the MS number with a dash after it, the size code number, the trap style code letter, and the coating identification number.

MS 90528 - X X X

Size code number (see note 7) ———— X
 Trap style code letter (see note 8) ———— X
 Coating identification number (see note 9) ———— X

7. **SIZE:** The nominal pipe size is designated by a digit (see table II).

TABLE II. Code Number to Size.

Code Number	Nominal Pipe Size	Code Number	Nominal Pipe Size
1	1 1/4 inch	4	3 inch
2	1 1/2 inch	5	4 inch
3	2 inch		

8. **TRAP STYLE:** The style of the trap is designated by a single letter (see table III).

TABLE III. Code Letter to Trap Style.

Code Letter	Trap Style
W	P-trap
X	Bath P-trap
Y	Running trap double vent
Z	Running trap single vent

9. **COATING:** The type of coating is designated by a digit (see table IV).

TABLE IV. Code Number to Coating.

Code Number	Coating
1	Uncoated
2	Bituminous composition
3	Zinc coated

REVISED (A) 11 January 1983

APPROVED 31 October 1972

P.A. NAVY-YD Other Cust ARMY-ME (A)	International Interest	TITLE TRAPS, P-BATH AND RUNNING, CAST-IRON THREADED DRAINAGE	MILITARY STANDARD
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User activities:

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